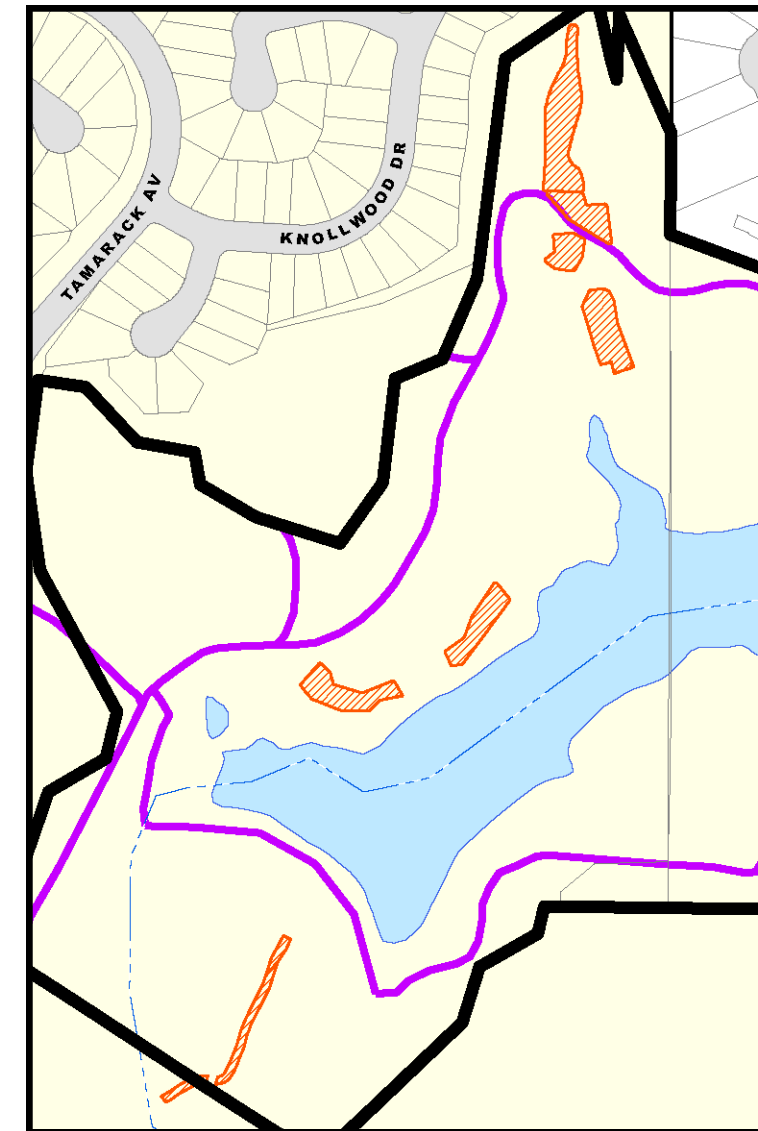


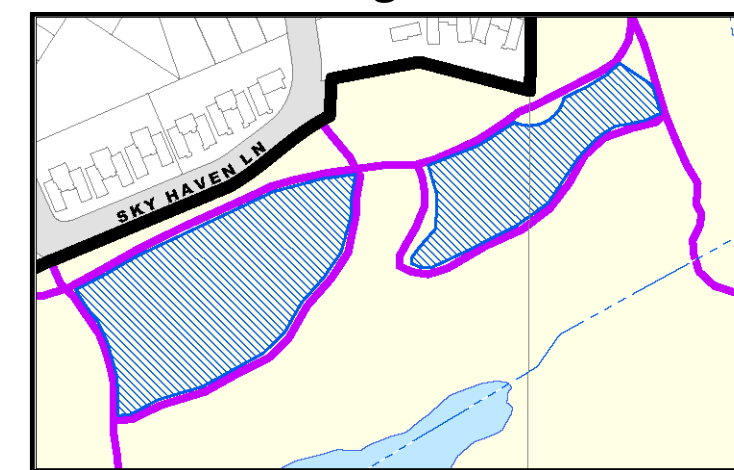
Native Habitat Restoration

Lake Calavera Preserve

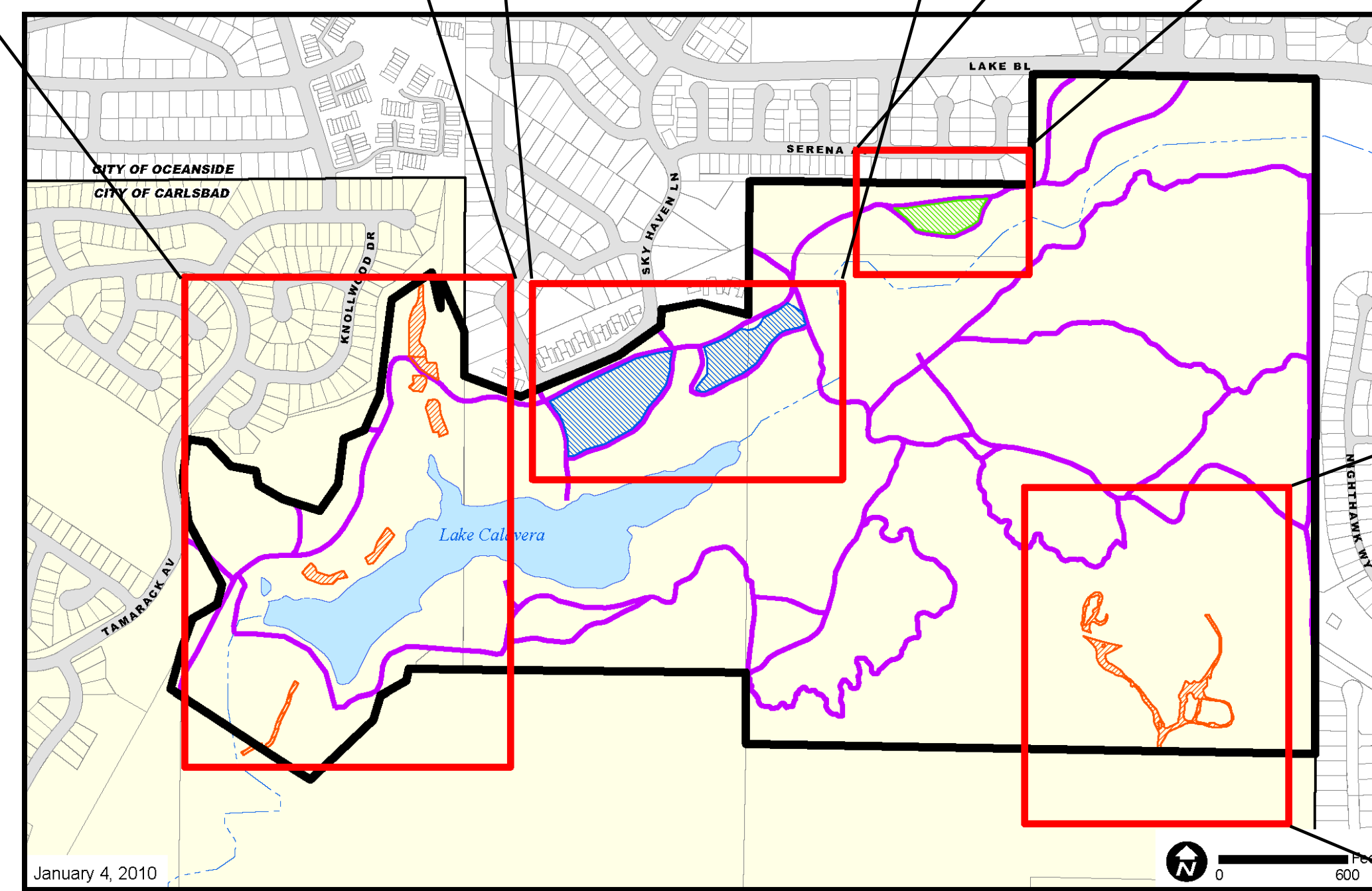
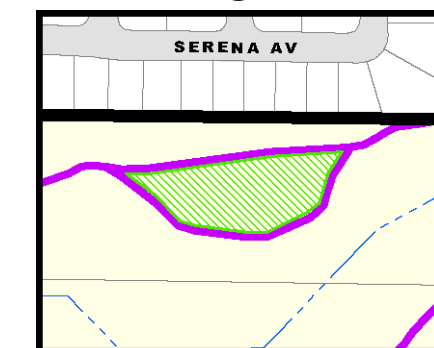
Riparian habitat
City mitigation 2008



Coastal sage scrub habitat
TransNet EMP grant 2009

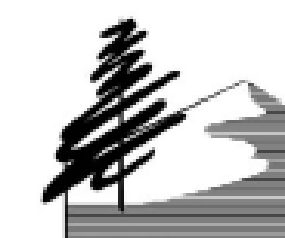


Coastal sage scrub
City mitigation 2009

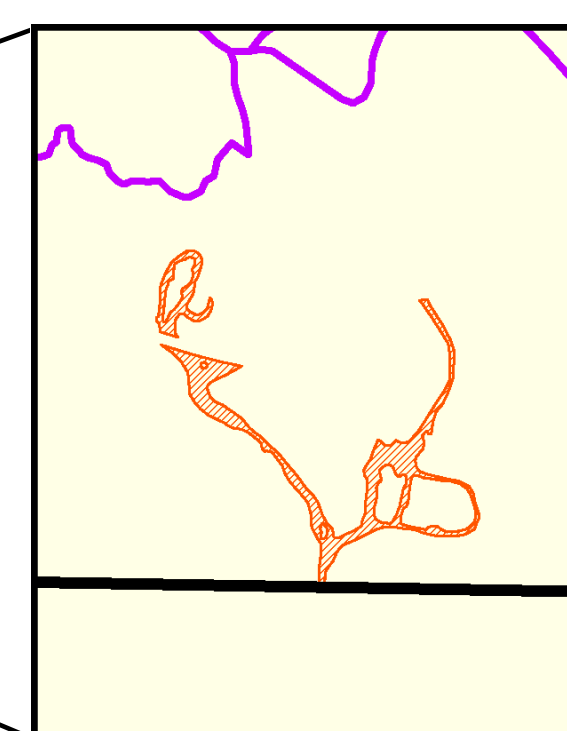


Native Habitat Restoration Locations

- Boundary of Lake Calavera Preserve
- Restoration Funded by SANDAG Transnet EMP grant, 2009
- Restoration for City Mitigation, 2008
- Restoration for City Mitigation, 2009
- Proposed Multi-Use Trail



Native habitat restoration consists of removing invasive non-native plants, de-compacting the soil, and planting or seeding a disturbed area or closed trail with a specified “palette” of native plant species that are characteristic of a specific plant community, such as coastal sage scrub or southern willow riparian scrub. Restoration reduces habitat fragmentation, provides foraging and breeding areas for wildlife, and protects water quality of the lake by reducing erosion and sedimentation and by filtering out contaminants before they reach the waterways.



Coastal sage scrub
City mitigation 2008



Coast monkey flower



White-crowned sparrow



Spotted towhee
© W. Kloetzer



Bobcat track



Western whiptail



Owl's clover



Red-shouldered hawk © W. Kloetzer

Restoration Methods

Coastal sage scrub restoration on the north side of Lake Calavera is being conducted by using the “imprinting” method. The imprinter rakes (de-compacts) the soil, creates a waffle pattern, spreads native plant seeds, and injects beneficial soil microbes, all at once. The depressions hold water when it rains, eliminating the need for irrigation.



Closing /Restoring Unauthorized Trails

When hikers and bikers go off authorized trails, it damages native plants, compacts the soil, and causes erosion. This reduces the quality of the open space, which is home to many native plants and animals. Because native plants are slow-growing, it takes a very long time for the habitat to recover once it has been damaged. Active restoration will help heal the scars and promote a healthy ecosystem.

Important Phone Numbers

Vandalism
(760) 731-7790

Report vandalism of fencing, restoration area, or trails to the Preserve Manager, Center for Natural Lands Management

Crimes
(760) 931-2197

Report crimes and violations of trail rules to Police Dispatch

Emergencies Call 911